

4. (Amended) A display device according to claim 1, further comprising a plurality of scanning lines and data lines for applying voltage independently in pixel units to said particles.

13. (Amended) A display device according to claim 11, wherein said driver is a data driver to be connected to the data line of the pixel unit of said switching element and a scanner driver to be connected to the scan line of the pixel unit thereof.

14. (Amended) A display device according to claim 11, wherein said data writing is conducted by only selecting and rewriting pixels for rewriting data.

19. (Amended) A display device according to claim 17, further comprising gradient setting means for controlling the gradient by controlling one or both of the value/time of the voltage to be applied with said data writing circuit.

20. (Amended) A display device according to claim 9, wherein said switching element is a low-temperature poly-Si TFT.

21. (Amended) A display device according to claim 9, wherein said switching element is of a structure wherein the channel portion is at least formed of an organic film.

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subject

22. (Amended) A display device according to claim 9, wherein said refresh circuit comprises a circuit for reapplying voltage based on the data of each of said pixels in prescribed intervals in order to substantially maintain the distribution state of the particles which moved pursuant to the voltage applied based on the data of each of said pixels.

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25. (Amended) A recording medium according to claim 23, wherein said particles are contained in a microcapsule together with liquid for dispersing said particles.

26. (Amended) A recording medium according to claim 23, wherein said single pixel is structured of a plurality of sub pixels, and gradation is controlled by pulse-surface-area modulation.

27. (Amended) A recording medium according to claim 23, wherein said particles are formed of a plurality of types of charged particles with differing quantities of electric charge.

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